| Ref<br># | Hits | Search Query  | DBs                | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|---|--------------------|---------------------|---------|------------------|
| 1        | 1    | "5864810".pn. and (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:04 |
| L2       | 1360 | acoustic\$5 near environment\$6   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:05 |
| L3       | 1006 | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:05 |
| L4       | 75   | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (ASR or (automatic\$5 near<br>speech\$5 with recogni\$7))   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:05 |
| L5       | 3    | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (ASR or (automatic\$5 near<br>speech\$5 with recogni\$7)) and<br>rescor\$5                              | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:06 |
| L6       | 6    | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (ASR or (automatic\$5 near<br>speech\$5 with recogni\$7)) and<br>re\$4scor\$5                           | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:07 |
| L7       | 3    | l6 not 15   | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:06 |
| L8       | 7    | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4) and<br>re\$4scor\$5  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:08 |
| L9       | 650  | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4)  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:08 |
| L10      | 417  | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4) and<br>model\$5  | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:09 |
| L11      | 4051 | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4) and<br>model\$5 (ASR or (automatic\$5<br>near speech\$5 with recogni\$7))        | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:09 |
| L12      | 65   | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4) and<br>model\$5 and (ASR or<br>(automatic\$5 near speech\$5 with<br>recogni\$7)) | US-PGPUB;<br>USPAT | OR                  | OFF     | 2005/04/28 06:18 |

| L13        | 6    | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4) and<br>model\$5 and (ASR or<br>(automatic\$5 near speech\$5 with<br>recogni\$7)) and re\$4scor\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 06:19 |
|------------|------|--|--------------------|----|-----|------------------|
| L14        | 21   | acoustic\$5 near environment\$6<br>and (microphon\$4 or transduc\$5)<br>and (speech\$4 or voic\$4) and<br>model\$5 and (ASR or<br>(automatic\$5 near speech\$5 with<br>recogni\$7)) and scor\$4      | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 06:29 |
| L15        | 1    | "6411927".pn. and model\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 08:14 |
| L16        | 1    | "6411927".pn. and model\$4 with speech\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 08:14 |
| S1         | 1117 | lattic\$4 and speech\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 14:59 |
| S2         | 17   | concatenat\$5 same lattic\$4 and speech\$4 and model\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:00 |
| <b>S</b> 3 | 13   | concatenat\$5 same lattic\$4 and<br>speech\$4 and model\$4 same<br>languag\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:00 |
| S4.        | 7    | concatenat\$5 same lattic\$4 and<br>speech\$4 and model\$4 same<br>languag\$4 and scor\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:00 |
| S5         | 1    | concatenat\$5 same lattic\$4 and speech\$4 and model\$4 same languag\$4 and scor\$4 and confidenc\$4 and asr   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:00 |
| S6         | 3    | concatenat\$5 same lattic\$4 and<br>speech\$4 and model\$4 same<br>languag\$4 and scor\$4 and<br>confidenc\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:01 |
| S7         | 21   | concatenat\$5 same lattic\$4 and speech\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:05 |
| S8         | 207  | (concatenat\$5 or combin\$7 or<br>link\$4 or chain\$4) same lattic\$4<br>and speech\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:24 |
| S9         | 39   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:06 |
| S10        | 13   | (concatenat\$5 or combin\$7 or<br>link\$4 or chain\$4) same lattic\$4<br>and speech\$4 and transduc\$4 and<br>hmm  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:07 |

| S11 | 1   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and pda\$2  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:07 |
|-----|-----|---|--------------------|----|-----|------------------|
| S12 | 0   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and netwrok\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:07 |
| S13 | 9   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and network\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:07 |
| S14 | 1   | (concatenat\$5 or combin\$7 or<br>link\$4 or chain\$4) same lattic\$4<br>and speech\$4 and transduc\$4 and<br>hmm\$2 and network\$4 and<br>satellit\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:08 |
| S15 | . 5 | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and network\$4 and (mobil\$5 or cell\$4 or wireless)  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:22 |
| S16 | 1   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and network\$4 and (mobil\$5 or cell\$4 or wireless) and environment\$4 same acoustic\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:09 |
| S17 | 5   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and network\$4 and (mobil\$5 or cell\$4 or wireless) and environment\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:09 |
| S18 | 4   | ((concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and network\$4) not ((concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and transduc\$4 and hmm\$2 and network\$4 and (mobil\$5 or cell\$4 or wireless)) | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:22 |
| S19 | 10  | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and re\$4scor\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:56 |
| S20 | 2   | (concatenat\$5 or combin\$7 or link\$4 or chain\$4) same lattic\$4 and speech\$4 and asr.   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/24 15:46 |

| S21 | 10 | (concatenat\$5 or combin\$7 or link\$4 or chain\$4 or cluster\$4) same lattic\$4 and speech\$4 and re\$4scor\$4            | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 11:39 |
|-----|----|--|--------------------|----|-----|------------------|
| S22 | 2  | (concatenat\$5 or combin\$7 or link\$4 or chain\$4 or cluster\$4) same lattic\$4 and speech\$4 and re\$4scor\$4 and pda\$4 | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 11:40 |
| S23 | 12 | (concatenat\$5 or combin\$7 or link\$4 or chain\$4 or cluster\$4) same lattic\$4 and speech\$4 and pda\$4                  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 11:40 |
| S24 | 0  | "5964810".pn. and utteranc\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 12:22 |
| S25 | 0  | "5964810".pn. and speech\$4 near input\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 12:18 |
| S26 | 1  | "6581033".pn. and languag\$\$<br>near model\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 12:18 |
| S27 | 1  | "6581033".pn. and languag\$4<br>near model\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 12:18 |
| S28 | 1. | "5864810".pn. and utteranc\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 12:22 |
| S29 | 0  | "5864810".pn. and network\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 14:11 |
| S30 | 2  | "20020052742"  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 14:11 |
| S31 | 0  | "20020052742" and transduc\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 14:11 |
| S32 | 2  | "20020052742" and network\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 14:12 |
| S33 | 0  | "20020052742" and transduc\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/26 14:12 |
| S34 | 2  | "20020052742"  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 12:03 |
| S35 | 2  | "20020052742" and controll\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 12:55 |
| S36 | 0  | "6304844".pn. and transduc\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 12:55 |
| S37 | 0  | "6304844".pn. and transduc\$7  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 12:56 |
| S38 | 1  | "6304844".pn. and (transfer\$5<br>and transform\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:00 |
| S39 | 8  | ("6304844" or "6233544" or<br>"6243679" or "5864810" or<br>"6581033" or "5712957" or<br>"5797123" or "20020052742").pn.    | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:01 |

| S40<br>- | 0    | (("6304844" or "6233544" or "6243679" or "5864810" or "6581033" or "5712957" or "5797123" or "20020052742").pn. ) and radio\$4 same frequenc\$4    | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:02 |
|----------|------|--|--------------------|----|-----|------------------|
| S41      | 6    | (("6304844" or "6233544" or "6243679" or "5864810" or "6581033" or "5712957" or "5797123" or "20020052742").pn. ) and microphon\$4                 | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:02 |
| S42      | 2    | (("6304844" or "6233544" or "6243679" or "5864810" or "6581033" or "5712957" or "5797123" or "20020052742").pn. ) and microphon\$4 and transduc\$6 | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:15 |
| S43      | 1    | "6304844".pn. and mobil\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:35 |
| S44      | 0    | "6304844".pn. and probab\$6  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:39 |
| S45      | 1002 | radio near frequenc\$5 same<br>identif\$8 near tag\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:53 |
| S46      | 87   | radio near frequenc\$5 same identif\$8 near tag\$4 and microphon\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:53 |
| S47      | 21   | radio near frequenc\$5 same<br>identif\$8 near tag\$4 and<br>microphon\$4 and model\$4 and<br>transduc\$6  | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 13:08 |
| S48      | 19   | radio near frequenc\$5 same identif\$8 near tag\$4 and microphon\$4 and model\$4 and transduc\$6 and environment\$4                                | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 13:08 |
| S49      | 9    | radio near frequenc\$5 same<br>identif\$8 near tag\$4 and<br>microphon\$4 and model\$4 and<br>transduc\$6 and environment\$4<br>and (mobil\$4)     | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 13:01 |
| S50      | 9    | radio near frequenc\$5 same identif\$8 near tag\$4 and microphon\$4 and model\$4 and transduc\$6 and (mobil\$4)                                    | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/27 13:58 |
| S51      | 1    | "6304844".pn. and distort\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 12:03 |
| S52      | 1    | "6304844".pn. and environment\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 12:03 |
| S53      | 1    | radio near frequenc\$5 same<br>identif\$8 near tag\$4 and control\$6<br>and (mobil\$7 near devic\$4) and<br>"704"/\$:ccls.                         | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 13:09 |

| S54 | 46   | radio near frequenc\$5 same<br>identif\$8 near tag\$4 and control\$6<br>and (mobil\$7 near devic\$4)  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 13:16   |
|-----|------|---|--------------------|----|------|--------------------|
| S55 | 200  | microphon\$4 and environment\$4<br>and transduc\$4 and train\$4 same<br>model\$4 and respon\$5  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 13:18   |
| S56 | 82   | microphon\$4 and environment\$4<br>and transduc\$4 and train\$4 same<br>model\$4 and respon\$5 and<br>"704"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 13:29   |
| S57 | 75   | microphon\$4 and environment\$4<br>and transduc\$4 and train\$4 same<br>model\$4 and respon\$5 and<br>acoustic\$4 and "704"/\$.ccls.  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 13:30   |
| S58 | 67   | (microphon\$4 and environment\$4 and transduc\$4 and train\$4 same model\$4 and respon\$5 and acoustic\$4 and "704"/\$.ccls.) not pertrushin                                  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:32   |
| S59 | 0    | between\$4 same transduc\$4 near<br>respon\$%   | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:33   |
| S60 | 1722 | between\$4 same transduc\$4 near respon\$5  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:33   |
| S61 | 3    | between\$4 same transduc\$4 near respon\$5 and "704"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:37   |
| S62 | 34   | between\$4 same microphon\$4\$4 near respon\$5 and "704"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 15:01   |
| S63 | 34   | between\$4 same microphon\$4<br>near respon\$5 and "704"/\$.ccls.   | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:38   |
| S64 | 26   | between\$4 same microphon\$4<br>near respon\$5 and "704"/\$.ccls.<br>not pertrushin   | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:38   |
| S65 | 26   | between\$4 same microphon\$4<br>near respon\$5 and "704"/\$.ccls.<br>not pertrushin\$4  | US-PGPUB;<br>USPAT | OR | -OFF | 2004/08/30 14:38   |
| S66 | 26   | (between\$4 same microphon\$4 near respon\$5 and "704"/\$.ccls.) not pertrushin\$4  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:42   |
| S67 | 18   | (between\$4 same microphon\$4<br>near plurality and "704"/\$.ccls.)<br>not pertrushin\$4  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:42   |
| S68 | 15   | ((between\$4 same microphon\$4 near plurality and "704"/\$.ccls.) not pertrushin\$4) not ((between\$4 same microphon\$4 near respon\$5 and "704"/\$.ccls.) not pertrushin\$4) | US-PGPUB;<br>USPAT | OR | OFF  | . 2004/08/30 14:42 |
| S69 | 1    | "5806029".pn. and distort\$4  | US-PGPUB;<br>USPAT | OR | OFF  | 2004/08/30 14:54   |

| S70 | 1    | "5806029".pn. and between\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 15:10 |
|-----|------|--|--------------------|----|-----|------------------|
| S71 | 1    | "5806029".pn. and mobil\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2004/08/30 15:10 |
| S72 | 1    | "20020052742".did.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 12:30 |
| S73 | 0    | "20020052742":did. and compensat\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 12:38 |
| S74 | 1    | "20020052742".did. and adapt\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 12:39 |
| S75 | 1    | "20020052742":did. and var\$6  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 12:39 |
| S76 | 0    | "20020052742".did. and (equal\$4 or equivalent\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 12:39 |
| S77 | 1    | "5806029".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:12 |
| S78 | 8282 | acoustic\$4 with microphon\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:12 |
| S79 | 181  | acoustic\$4 near environment\$4<br>with microphon\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:17 |
| S80 | 2    | distort\$5 with (microphon\$4 or<br>tranduc\$4) same train\$4 near<br>model\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:27 |
| S81 | 2    | distort\$5 with (microphon\$4 or<br>tranduc\$4) same train\$4 near<br>model\$5 and character\$6  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:30 |
| S82 | 0    | distort\$5 with (microphon\$4 or tranduc\$4) same train\$4 near model\$5 and character\$6 same respon\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:28 |
| S83 | 0    | distort\$5 with (microphon\$4 or<br>tranduc\$4) same train\$4 near<br>model\$5 and character\$6 and<br>respon\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:28 |
| S84 | 1    | distort\$5 with (microphon\$4 or tranduc\$4) same train\$4 near model\$5 and character\$6 and (mobil\$4 or hand\$4held\$4 or wireless\$4)                        | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:30 |
| S85 |      | distort\$5 with (microphon\$4 or<br>tranduc\$4) same train\$4 near<br>model\$5 and character\$6 and<br>(mobil\$4 or hand\$4held\$4 or<br>wireless\$4 or cell\$5) | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:34 |
| S86 | 4    | distort\$5 with acoustic\$4 near<br>mismatch\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:34 |
| S87 | 2    | distort\$5 with acoustic\$4 near<br>mismatch\$4 and train\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:34 |

| S88        | 2        | distort\$5 with acoustic\$4 near<br>mismatch\$4 and train\$5 same<br>model\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:40 |
|------------|----------|---|--------------------|----|-----|------------------|
| S89        | 6920     | (memor\$4 or storag\$4 or stor\$4<br>or databas\$4) with controll\$5<br>same model\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:41 |
| <b>S90</b> | 439      | (memor\$4 or storag\$4 or stor\$4<br>or databas\$4) with controll\$5<br>same model\$5 and recogni\$5 near<br>(speech\$4 or voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:42 |
| S91        | 12       | (memor\$4 or storag\$4 or stor\$4<br>or databas\$4) near coupl\$5 with<br>controll\$5 same model\$5 and<br>recogni\$5 near (speech\$4 or<br>voic\$4)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:42 |
| S92        | 12       | (memor\$4 or storag\$4 or stor\$4 or databas\$4) near coupl\$5 with controll\$5 same model\$5 and recogni\$5 near (speech\$4 or voic\$4) and (communicat\$5 or vocal\$4 or voic\$4 or transduc\$4 or microphon\$4 or acoustic\$4)                                       | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:43 |
| S93        | 3        | (memor\$4 or storag\$4 or stor\$4<br>or databas\$4) near coupl\$5 with<br>controll\$5 same model\$5 and<br>recogni\$5 near (speech\$4 or<br>voic\$4) and (communicat\$5 or<br>vocal\$4 or voic\$4 or transduc\$4 or<br>microphon\$4 or acoustic\$4) and<br>compensat\$5 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 13:44 |
| S94        | 1        | "6219645".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 14:51 |
| S95        | <u>1</u> | "6219645".pn.   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 14:58 |
| S96        | 0        | "6219645".pn. and acoustic\$4 same (microphon\$4 or transduc\$5)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 14:59 |
| S97        | 0        | "6219645".pn. and acoustic\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 14:59 |
| S98        | 1        | "6219645".pn. and environment\$4  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 15:00 |
| S99        | 1        | "6219645".pn. and environment\$4<br>same (microphon\$4 or<br>transduc\$5)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 15:07 |
| S10<br>0   | 1        | "6219645".pn. and (nois\$5 or sound\$4 or interfer\$6) same (microphon\$4 or transduc\$5)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 15:07 |
| S10<br>1   | 12832    | compensat\$5 same model\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 16:10 |

| S10<br>2 | 22 | compensat\$5 with model\$5 same<br>((speech\$4 or voice) near<br>recogniz\$5)                                  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 16:11 |
|----------|----|--|--------------------|----|-----|------------------|
| S10<br>3 | 2  | compensat\$5 with model\$5 same<br>((speech\$4 or voice) near<br>recogniz\$5) and memor\$6 with<br>controll\$5 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 16:12 |
| S10<br>4 | 4  | compensat\$5 with model\$5 same<br>((speech\$4 or voice) near<br>recogniz\$5) and memor\$6 same<br>controll\$5 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/01 16:12 |
| S10<br>5 | 1  | "6243679".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/19 17:28 |
| S10<br>6 | 1  | "6581033".pn. and model\$4 same<br>lattic\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/19 17:28 |
| S10<br>7 | 1  | "6169972".pn.  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:33 |
| S10<br>8 | 1  | "6169972".pn. and (speech\$4 or voic\$4)   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:34 |
| S10<br>9 | 0  | "6169972".pn. and (speech\$4 or<br>voic\$4) and concaten\$6 same<br>lattic\$4                                  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:33 |
| S11<br>0 | 1  | "6169972".pn. and (speech\$4 or voic\$4) and lattic\$5   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:37 |
| S11<br>1 | 0  | "6169972".pn. and (speech\$4 or voic\$4) and lattic\$5 and concaten\$7   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:34 |
| S11<br>2 | 1  | "6169972".pn. and (speech\$4 or voic\$4) and (combin\$7 or link\$5) same lattic\$5                             | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:35 |
| S11<br>3 | 0  |  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:35 |
| S11<br>4 | 0  | "6169972".pn. and (speech\$4 or voic\$4) and lattic\$5 and compensat\$6  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:37 |
| S11<br>5 | 0  | "6169972".pn. and (speech\$4 or voic\$4) and lattic\$5 and acoustic\$4   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:37 |
| S11<br>6 | 0  | "6169972".pn. and (speech\$4 or voic\$4) and lattic\$5 and environment\$6                                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:38 |
| S11<br>7 | 1  | "6169972".pn. and (speech\$4 or voic\$4) and lattic\$5 and   | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:38 |
| S11<br>8 | 1  | (tranduc\$6 or microphon\$4)<br>"6581033".pn. and lattic\$5  | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 15:50 |

| S11<br>9 | 0   | "6581033".pn. and relation\$7   | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 15:50 |
|----------|-----|---|--------------------|-----|-----|------------------|
| S12<br>0 | 429 | (speech\$4 or voic\$4) and<br>((concaten\$7 or link\$5 or<br>combin\$7) same lattic\$5)   | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 15:51 |
| S12<br>1 | 48  | (speech\$4 or voic\$4) and<br>((concaten\$7 or link\$5 or<br>combin\$7) same lattic\$5) and<br>languag\$4 near model\$5   | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 15:51 |
| S12<br>2 | 8   | (speech\$4 or voic\$4) and<br>((concaten\$7 or link\$5 or<br>combin\$7) same lattic\$5) and<br>languag\$4 near model\$5 same<br>relation\$7   | US-PGPUB;<br>USPAT | OR. | OFF | 2005/04/27 16:01 |
| S12<br>3 |     | (speech\$4 or voic\$4) and ((concaten\$7 or link\$5 or combin\$7) same lattic\$5) and languag\$4 near model\$5 same (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7)                              | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 16:02 |
| S12<br>4 | 4   | (speech\$4 or voic\$4) and<br>((concaten\$7 or link\$5 or<br>combin\$7) near10 lattic\$5) and<br>languag\$4 near model\$5 same<br>relation\$7   | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 16:01 |
| S12<br>5 | 2   | (speech\$4 or voic\$4) and<br>((concaten\$7 or link\$5 or<br>combin\$7) near lattic\$5) and<br>languag\$4 near model\$5 same<br>(relation\$7 or connect\$6 or<br>affiliat\$5 or relativ\$4 or correlat\$5<br>or ratio\$4 or relevan\$6 or<br>pertinen\$7)         | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 16:06 |
| S12<br>6 | 2   | (speech\$4 or voic\$4) and ((concaten\$7 or link\$5 or combin\$7) near lattic\$5) and languag\$4 near model\$5 same (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7) and lattic\$5 same speech\$5 | US-PGPUB;<br>USPAT | OR  | OFF | 2005/04/27 16:19 |

| S12<br>7 | 2 | (speech\$4 or voic\$4) and<br>((concaten\$7 or link\$5 or<br>combin\$7) near lattic\$5) and<br>languag\$4 near model\$5 same<br>(relation\$7 or connect\$6 or<br>affiliat\$5 or relativ\$4 or correlat\$5<br>or ratio\$4 or relevan\$6 or<br>pertinen\$7) and lattic\$5 same<br>speech\$5 and (HMM or Markov\$4)                      | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 16:21 |
|----------|---|---|--------------------|----|-----|------------------|
| S12<br>8 | 2 | (speech\$4 or voic\$4) and ((concaten\$7 or link\$5 or combin\$7) near lattic\$5) and languag\$4 near model\$5 same (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7) and lattic\$5 same speech\$5 and (HMM or Markov\$4) and network\$4                               | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 16:21 |
| S12<br>9 | 1 | (speech\$4 or voic\$4) and ((concaten\$7 or link\$5 or combin\$7) near lattic\$5) and languag\$4 near model\$5 same (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7) and lattic\$5 same speech\$5 and (HMM or Markov\$4) and network\$4 near server\$5                | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 16:22 |
| S13<br>0 | 1 | (speech\$4 or voic\$4) and ((concaten\$7 or link\$5 or combin\$7) near lattic\$5) and languag\$4 near model\$5 same (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7) and lattic\$5 same speech\$5 and (HMM or Markov\$4) and network\$4 and server\$5                 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/27 16:23 |
| S13<br>1 | 1 | (speech\$4 or voic\$4) and ((concaten\$7 or link\$5 or combin\$7) near lattic\$5) and languag\$4 near model\$5 same (relation\$7 or connect\$6 or affiliat\$5 or relativ\$4 or correlat\$5 or ratio\$4 or relevan\$6 or pertinen\$7) and lattic\$5 same speech\$5 and (HMM or Markov\$4) and network\$4 and server\$5 and controll\$5 | US-PGPUB;<br>USPAT | OR | OFF | 2005/04/28 05:59 |